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SILVER OXIDE-LITHIUM BATTERY

PUB. NO.: 63-166151 [JP 63166151 A]
PUBLISHED: July 09, 1988 (19880709)
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OGINO MASAYUKI
APPLICANT(s): YUASA BATTERY CO LTD [000668] (A Japanese Company or Corporation), JP (Japan)
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ABSTRACT

PURPOSE: To prevent voltage drop or unstable phenomena during discharge by placing a member having a specified dimension between electrodes to retain their compression force.

CONSTITUTION: A plurality of layers each of which is formed with a positive electrode 1, a negative electrode 2, and a conductive film 3 are stacked in a container 12 to form a battery. Cylindrical plastic moldings 6 are embedded in plural through holes installed in the negative electrodes 2. The thickness of the molding is almost equal to the sum of the thickness of the negative electrode 2 and that of a separator 9, and the end of the molding is in contact with the film 3. Even if the negative electrode 2 is thinned by discharge, compression force between electrodes is retained constant by the molding 6 which is insulating material. By this simple method, troubles generating during discharge such as voltage drop and internal short circuit can be prevented.

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PATENT ABSTRACTS OF JAPAN

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(54) SILVER OXIDE-LITHIUM BATTERY

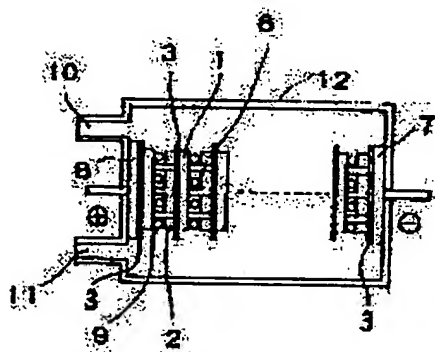
(57)Abstract:

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